

## EAST SEARCH HISTORY PRINTOUT CASE # 10/785,096

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	515	(359/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:40
S4	467	(359/687).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:46
S5	3043	(359/676-687).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 20:16
S6	44	S5 and (image adj stabiliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:48
S7	42	S6 and (first with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:48
S8	30	S6 and (first with positive) and (second with negative) and (third with positive) and (fourth with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:53
S9	4471	(first with lens with positive) and (second with lens with negative) and (third with lens with positive) and (fourth with lens with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:54
S10	302	S9 and (distance with first with second with increas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 16:55

S11	109	S9 and (distance with first with second with increas\$3) and (distance with second with third with decreas\$3) and (distance with third with fourth with decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 19:59
S12	74	S5 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:05
S13	65	S12 and @ad<="20030227"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:07
S14	11	S13 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:13
S18	0	S14 and (third with group with (sub adj lens) with two with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:16
S19	0	S14 and (third with group with (sub adj lens) with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:16
S20	0	S14 and (third with group with (sublens) with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:16
S21	1	S14 and (third with group with positive with power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:19

S22	6	S14 and (third with group with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:21
S23	1	S22 and (image\$1 with shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:49
S24	0	S22 and (shift\$3 with perpendicular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:49
S25	26	S11 and (image\$1 with shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 20:16
S26	11	S11 and (shift\$3 with perpendicular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:50
S27	8	S11 and (image with shift\$3 with perpendicular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 17:50
S28	3574	(359/676-687,554,557).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 19:57
S29	22	S25 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 20:16
S30	1	"20020063961"	US-PGPUB; USPAT	OR	OFF	2005/02/06 20:11
S31	1	S30 and (increas\$3 or decreas\$3)	US-PGPUB; USPAT	OR	OFF	2005/02/06 19:39

S32	1	S30 and ("L4" and mov\$3)	US-PGPUB; USPAT	OR	OFF	2005/02/06 20:11
S33	4608	((359/676-687,554,557,432) or (396/52-55) or (348/208)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 19:58
S34	4647	(first with lens with positive) and (second with lens with negative) and (third with lens with positive) and (fourth with lens with positive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 19:59
S35	120	S34 and (distance with first with second with increas\$3) and (distance with second with third with decreas\$3) and (distance with third with fourth with decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 20:01

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## INTERFERENCE SEARCH PRINTOUT CASE # 10785,096

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	13	((first with lens with positive) and (second with lens with negative) and (third with lens with positive) and (fourth with lens with positive) and (distance with first with second with increas\$3) and (distance with second with third with decreas\$3) and (distance with third with fourth with decreas\$3)).clm.	US-PGPUB	OR	OFF	2005/07/23 06:51

**Search Results Case No. 10/785,096**

US 4952039 A	USPAT	Macro-adapted zoom lens system capable of high zoom ratio while covering wide angles	359/687
US 5179472 A	USPAT	Zoom lens	359/687
US 5790309 A	USPAT	Zoom lens system capable of shifting an image and compensating back focus variation	359/557
US 6487023 B2	USPAT	Zoom lens system and a zoom lens barrel therefor	359/687
US 6580565 B2	USPAT	Zoom lens system	359/687
US 20010015856 A1	US-PGPUB	Zoom lens system and a zoom lens barrel therefor	359/687
US 20020118467 A1	US-PGPUB	Zoom lens system	359/687
US 20040136086 A1	US-PGPUB	Variable focal length lens system	359/687